


SUGAR

Sampling Utterances & Grammatical Analysis Revisited: Interpretation & Complete Analysis




VDOE Webinar

Presented By:
 Stacey Pavelko, Ph.D., CCC-SLP
 James Madison University


Robert Owens, Ph.D., CCC-SLP
 College of St. Rose

This is module number 4 in a 5 part series.



If you have not yet viewed modules 1, 2, and 3,
 please do so prior to participating in this
 module.

Module 4 Outline



- Interpret Quick Analysis
- Overview of Complete Analysis
 - Prepare the transcript
 - Analyze verb phrases
 - Analyze noun phrases
 - Compare to SUGAR norms

INTERPRETATION OF QUICK ANALYSIS



1. Complete Quick Analysis

- Total Number of Words (TNW)
- Mean Length of Utterance (MLU)
- Words per Sentence (WPS)
- Clauses per Sentence (CPS)

INTERPRETATION OF QUICK ANALYSIS



2. Compare your results to the normative data.

Remember that the data cover ages 6 months below and 5 months above. So 60 months covers 54-65 months.

INTERPRETATION OF QUICK ANALYSIS



- Student who needs further assessment
 - A student below -1SD on 3 to 4 measures
- A student who is probably functioning WNL
 - A student WNL on 3 or 4 measures

Complete Analysis



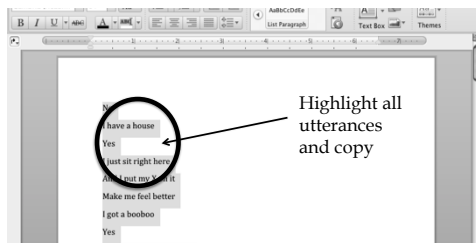
- Quick Analysis Results below -1SD on 3 or 4 measures
- Suggests we need to conduct further analysis
- Noun Phrase (NP)
- Verb Phrase (VP)

Prepare the Transcript



- Use copy 3 (Directions in Module 3)
- Be certain that the “Numbering” function is turned off.
- Copy the entire 50-utterance sample by highlighting it using Control-A or Apple-A. Once highlighted, hit Control-C or Apple-C to copy.

Prepare the Transcript



Prepare the Transcript



Move your sample to the complete analysis form. Highlight all 50 spaces in the column marked "Utterances". Hit Control-V or Apple-V. All 50 utterances should appear in the numbered spaces.

Prepare the Transcript



Complete Analysis



- Check the appropriate boxes.
- Column colors give the ages at which 70% of children demonstrate this structure in a 50-utterance sample.

Complete Analysis



Noun phrases are easiest because the order of words is fixed. Locate the noun/pronoun and find the other elements based on their location in the noun phrase.

SUGAR NORMS NP

	36 m	48 m	60 m	72 m	84 m
Initiator					
Quantifier					
Article					
Possessive Pronoun					
Demonstrative					
Numerical Term					
Possessive Noun					
Ordinal					
Adverb					

Present in 70% of samples



SUGAR NORMS NP

	36 m	48 m	60 m	72 m	84 m
Adjective					
Descriptor					
Noun/Pronoun					
Prepositional phrase					
Adjectival					
Adverbial					
Embedded Clause					

Present in 70% of samples



Noun Phrase Analysis



Check boxes for all structures that are in the utterance

SUGAR NORMS: Verb Phrase (VP)

	36 m	48 m	60 m	72 m	84 m
Uninflected					
Copula (<i>am/is/are</i>)					
Aux Verb (<i>am/is/are</i>) + Ving					
Reg. Past -ed					
Irreg. Past					

Present in 70% of samples



SUGAR NORMS: Verb Phrase (VP)

	36 m	48 m	60 m	72 m	84 m
Will/going to + Verb					
Modal Aux + Verb					
Do/don't/does/doesn't + Verb					
Did/Didn't + Verb					
3rd Person -s					

Present in 70% of samples



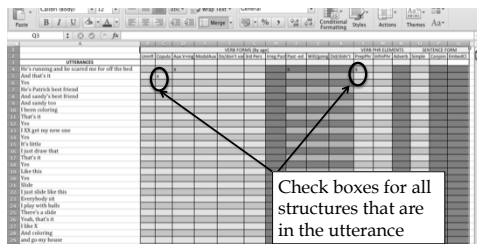
SUGAR NORMS: VP

	36 m	48 m	60 m	72 m	84 m
Infinitive Phrases					
Prepositional Phrases					
Adverbs					
One auxiliary verb					
2+ auxiliary verb					

Present in 70% of samples



Verb Phrase Analysis



Identify Targets



What's missing or not well developed?

Look at NP results

- Compare your child to the correct set of blue boxes.
- Is each box checked?

Look at VP results

- Compare your child to the correct set of blue boxes.
- Is each box checked?

The boxes that are not checked are potential intervention targets.

Additional Resources



☞ Visit the VDOE website for additional webinars on LSA

http://www.doe.virginia.gov/special_ed/disabilities/speech_language_impairment/index.shtml

- ☞ Module 1 Background and Rationale
- ☞ Module 2 How to get a more robust sample
- ☞ Module 3 How to transcribe and analyze samples
- ☞ Module 5 Time-saving Ideas
